KPOL-PP K-PPH 8.5F

Polypropylene Homopolymer

KPOL Chem Co.

Message:

Polypropylene Homopolymer Film
Applications
The KPOL® K-PPH 8.5F is a medium melt flow rate homopolymer, with slip and antiblocking agents.
It is suitable for blown film extrusion. This product features good impact strenght, excellent gloss and transparency, good slipping and good weldability.
Characteristics
Blown Film Extrusion. Films made with K-PPH 8.5F show very high transparency, high gloss, good printability after corona treatment and good sealability.
Coil for automatic, general purpose, food and textile packaging.

General Information	
Additive	Antiblock Antioxidant Slip
Features	Antiblocking Antioxidant Excellent Printability Food Contact Acceptable Good Impact Resistance High Gloss Homopolymer Medium Flow Slip Weldable
Uses	Film Food Packaging Packaging
Agency Ratings	FDA 21 CFR 177.1520
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Blown Film Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.5	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength [1] (Yield, Compression Molded)	35.0	MPa	ASTM D638
Tensile Elongation [2] (Break, Compression Molded)	11	%	ASTM D638
Flexural Modulus - 1% Secant (Compression Molded)	1400	MPa	ASTM D790
Films	**Nominal Value**	**Unit**	**Test Method**
Dart Drop Impact [3]	300	g	ASTM D1709
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (Compression Molded)	35	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	150	°C	ASTM D1525 [4]
Optical	**Nominal Value**	**Unit**	**Test Method**
Gardner Gloss (20°, 50.0 µm, Blown Film)	100		ASTM D523
Haze (50.0 µm, Blown Film)	2.8	%	ASTM D1003
NOTE			
1.	Type IV, 50 mm/min		
2.	Type IV, 50 mm/min		
3.	F50		
4.	Rate A (50°C/h), Loading 1 (10 N)		

Recommended distributors for this material

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